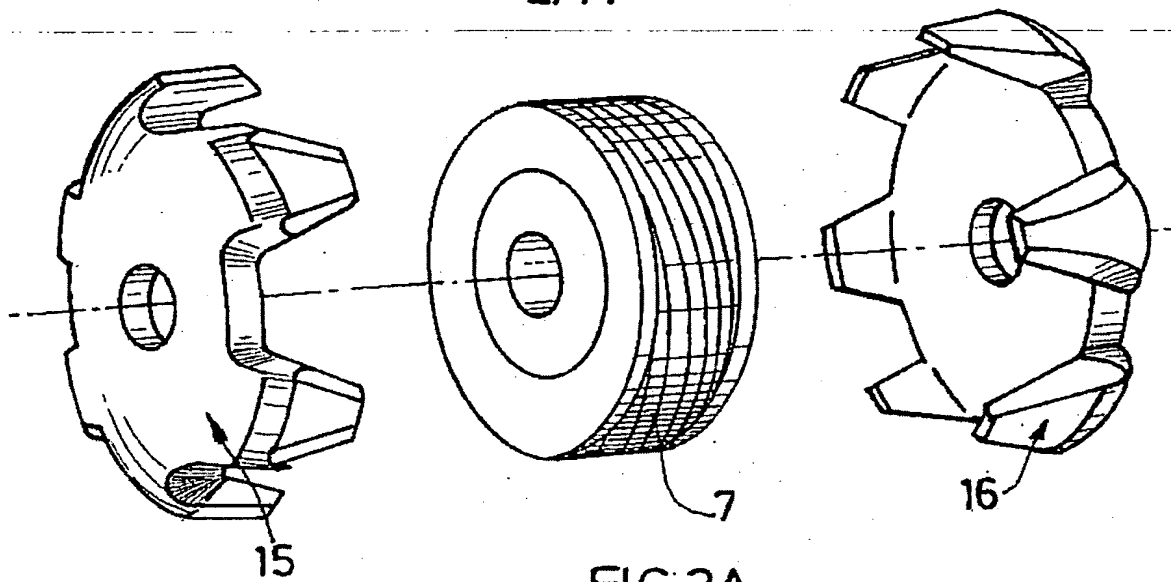
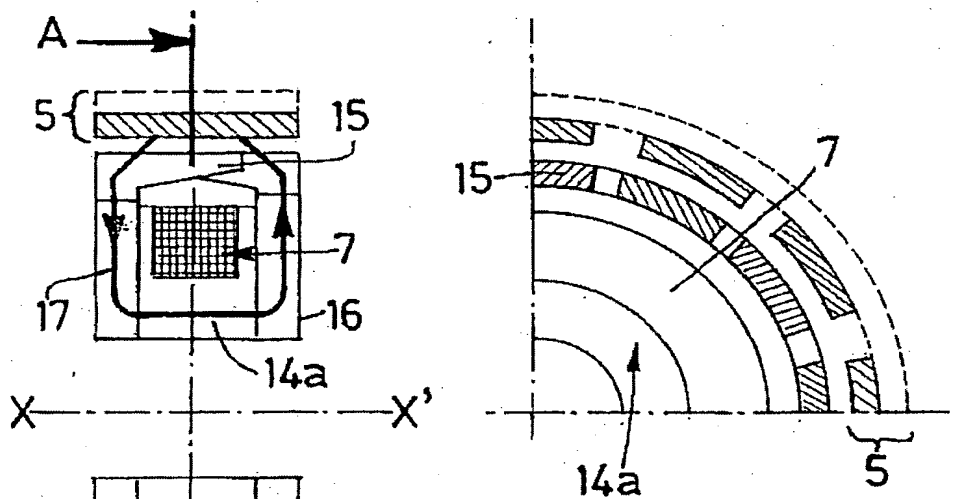
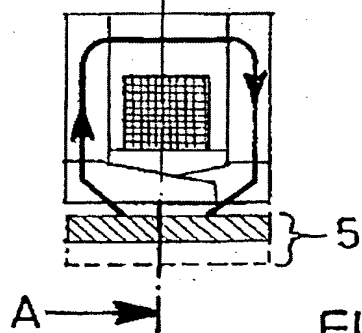
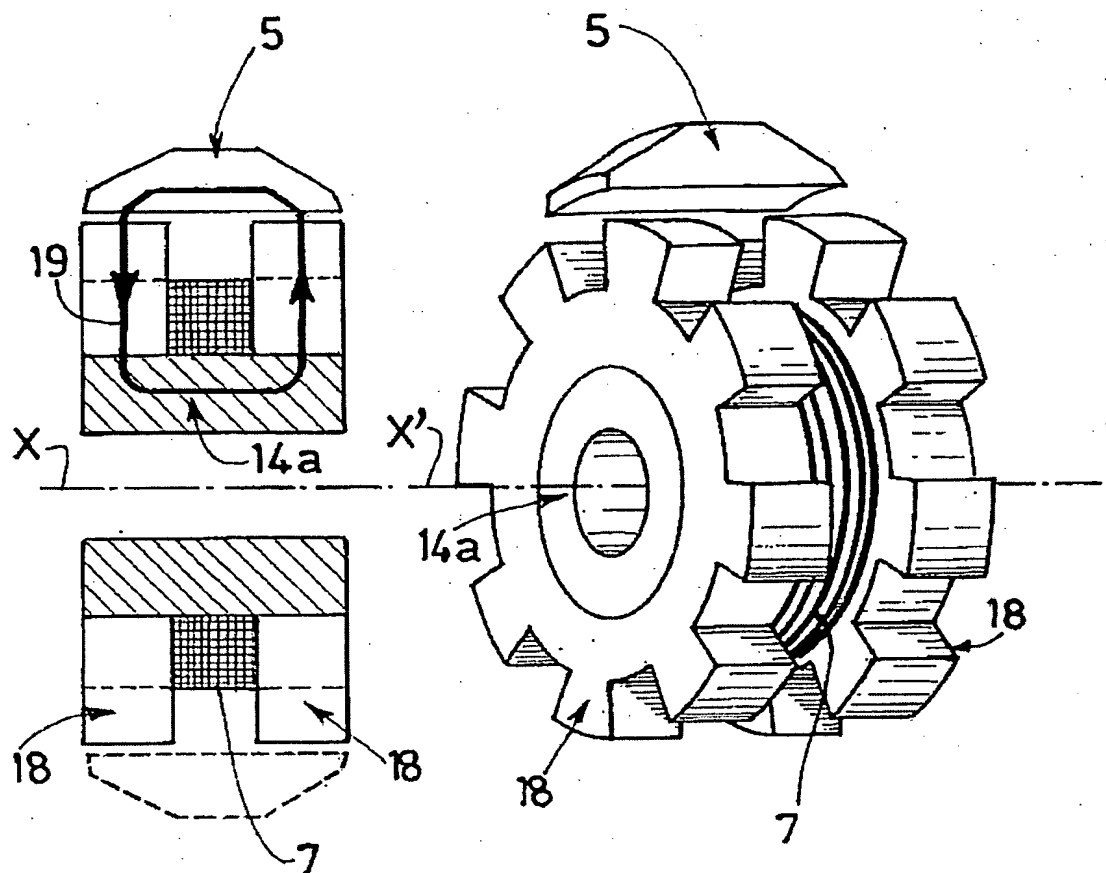


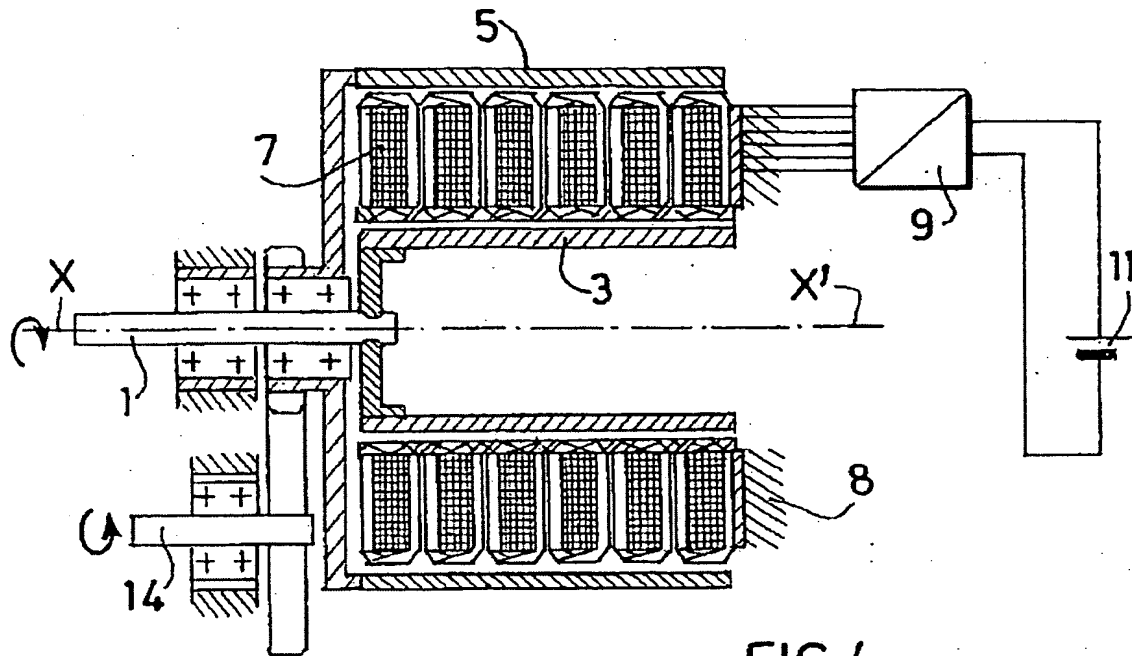
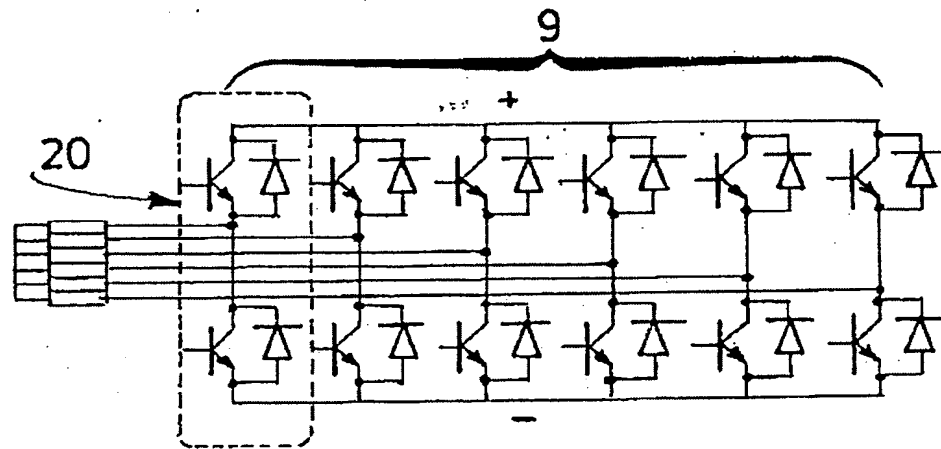
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FIG. 2AFIG. 2CFIG. 2B

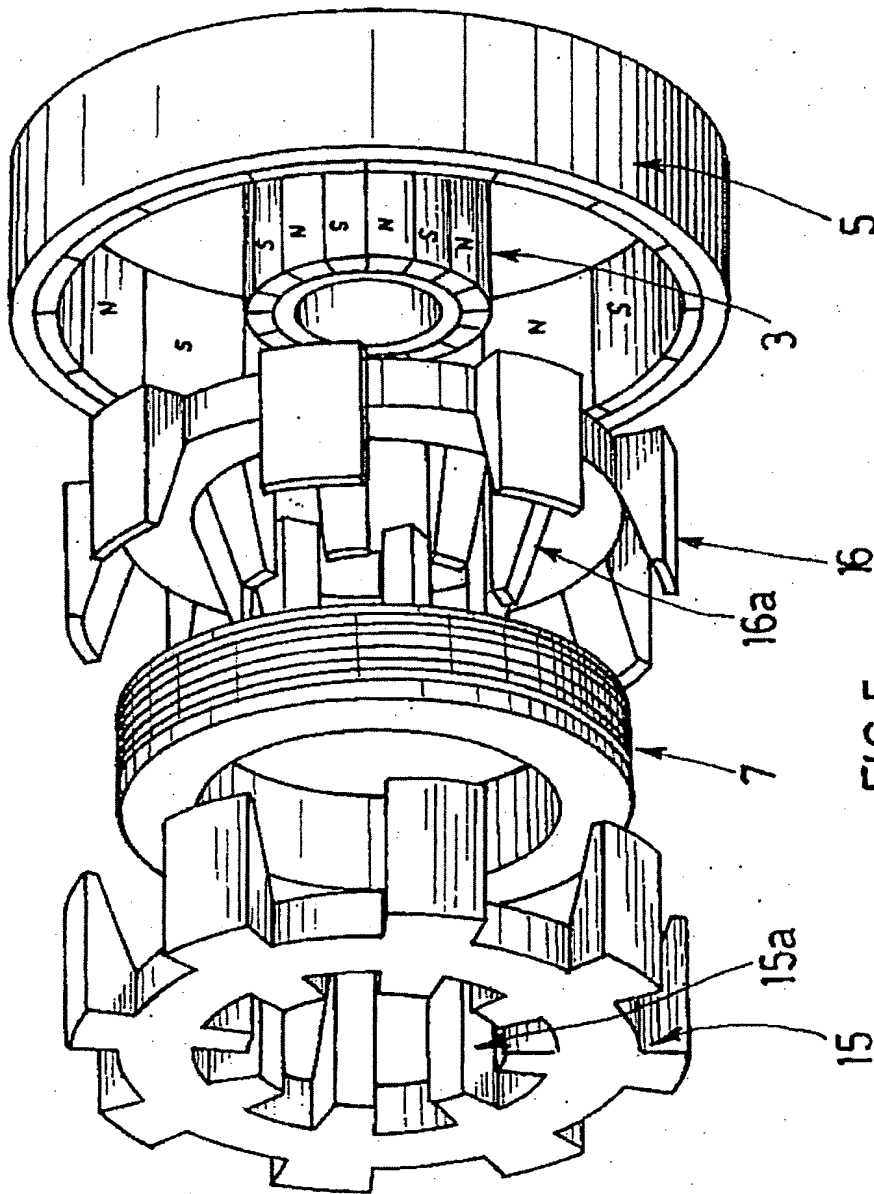
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FIG.3

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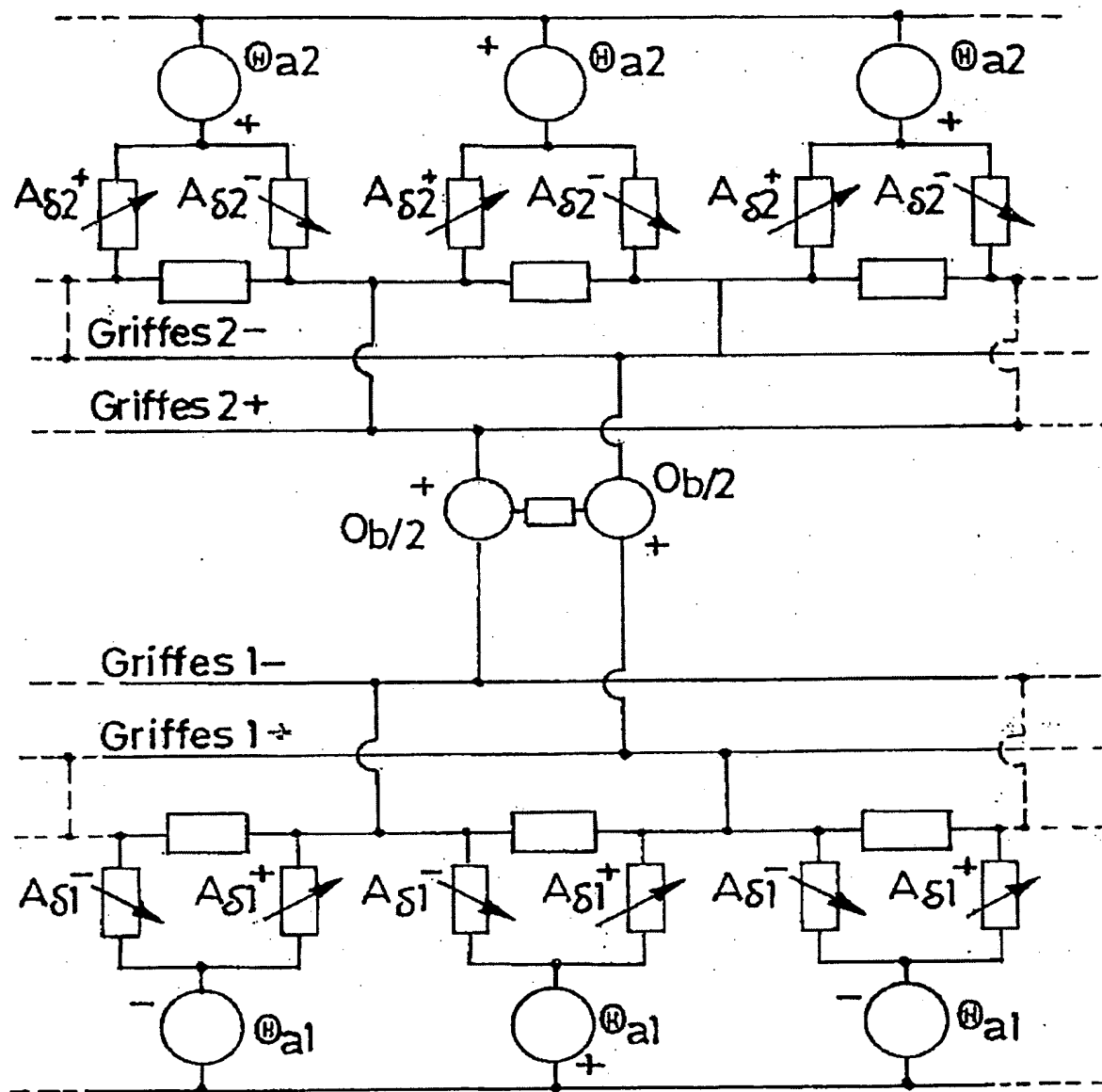
FIG. 4FIG. 4A

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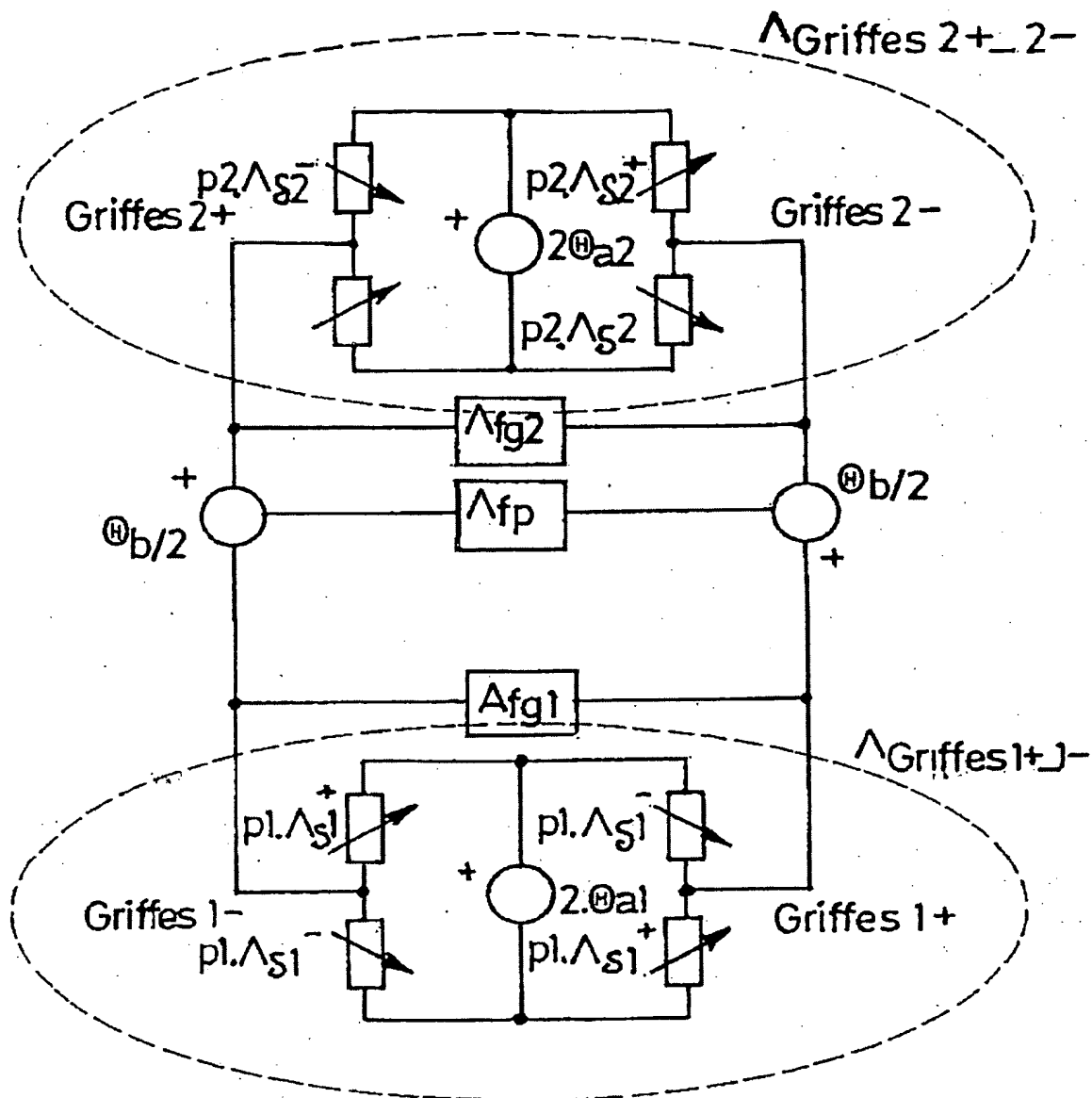
**FIG. 5**

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FIG.6

Griffes = Claws

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FIG.7

Griffes = Claws

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FIG. 8

EXAMPLES OF COMPOSITE CURRENT ARRANGEMENTS  
PERMITTING CANCELLATION OF THE PULSING CURRENTS:

n	n	n	k = n/n1	k = n/n2	Number of arms of the inverter
6	3	6	2	1	6
8	4	8	2	1	8
9	3	9	3	1	9
12	3	4	4	3	12
etc.					

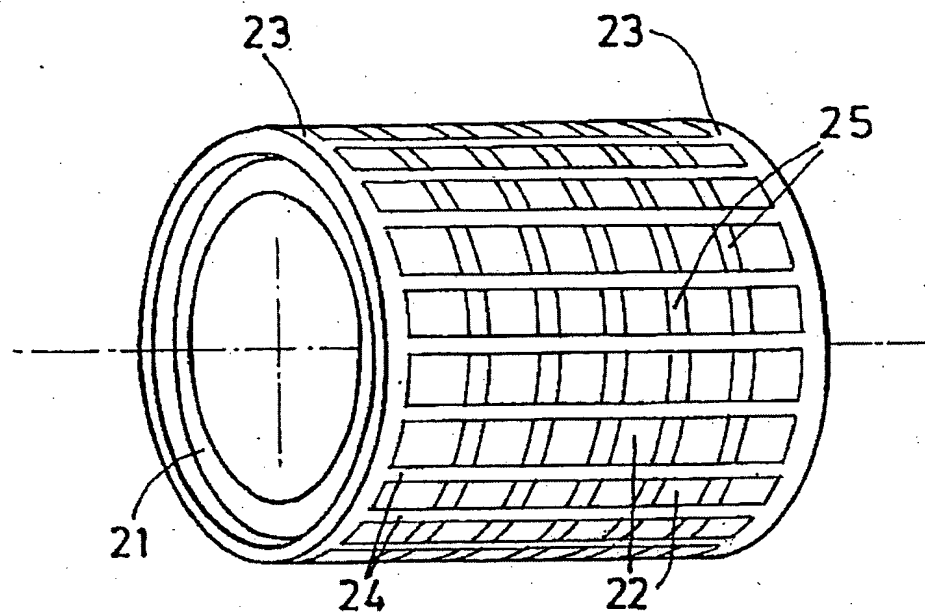
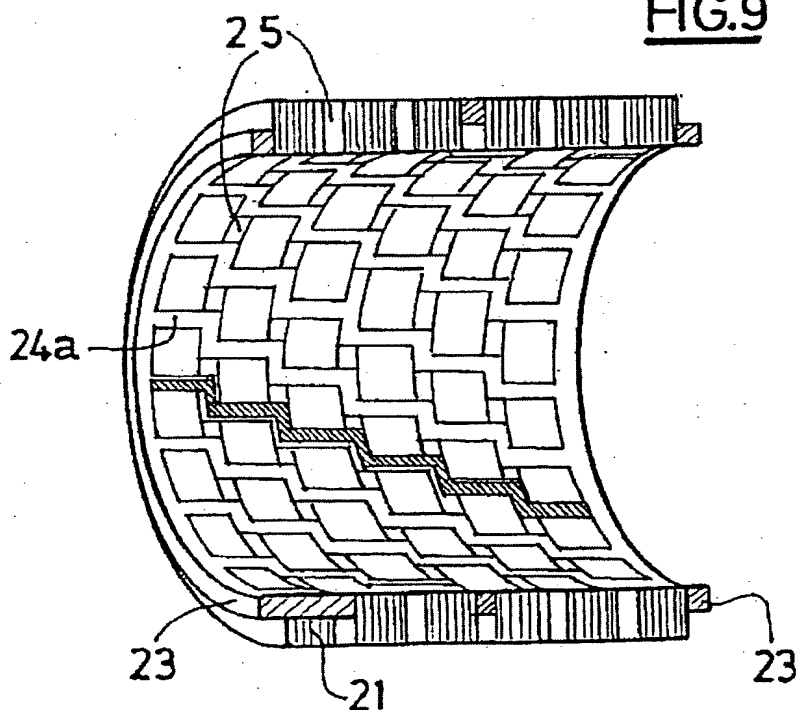
where n: number of pancake coils

n1: number of phases in air gap 1

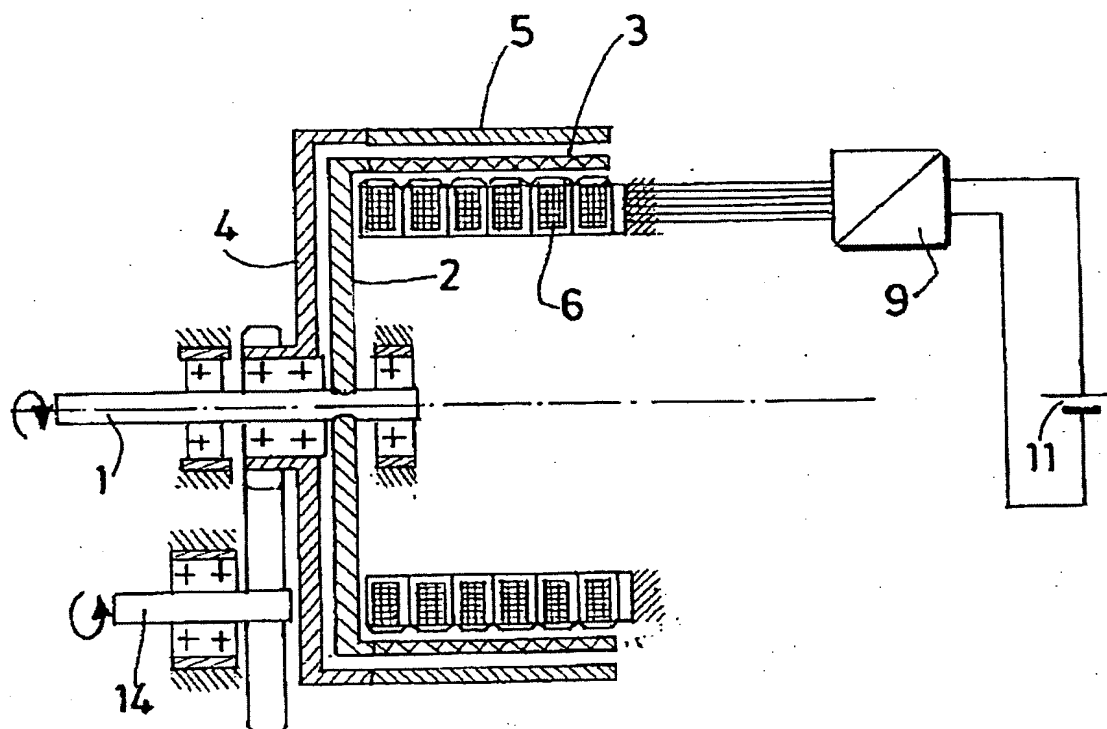
n2: number of phases in air gap 2



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FIG.9FIG.10

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FIG.11

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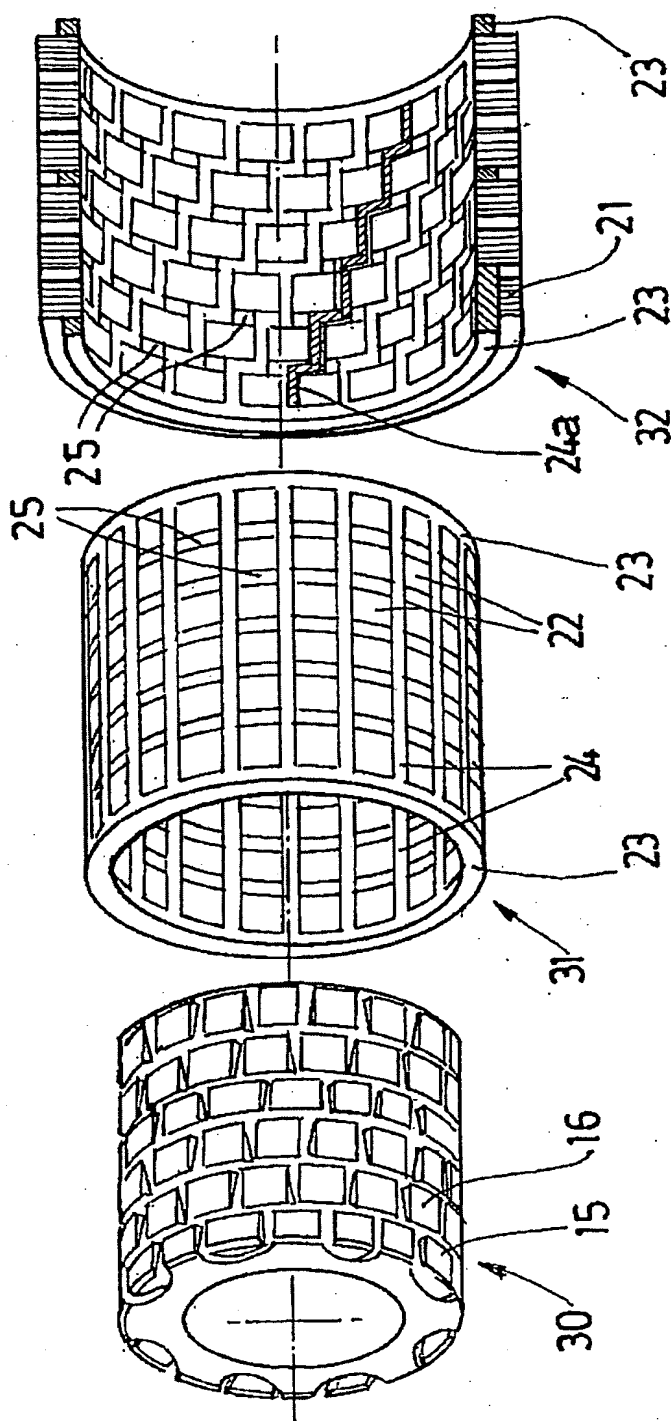


FIG. 12

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